

**Department of Instrumentation and Control
2018-19**

Paper Presentations:

Journals:

S N	Name of Staff	Title of Paper	Name of Journal	Volume & page no. DOI ISBN/ ISSN No.	Month & Year	Indexing (SCI, SCOPUS, Google Scholar, EBSCO)
1.	Dr. Swati Madhe	Convex Optimization – Based Filter Bank Design for Contact Lens Detection	Computing, Communication and Signal Processing. Advances in Intelligent Systems and Computing,	vol 810. DOI https://doi.org/10.1007/978-981-13-1513-8_79 Publisher Name Springer, Singapore Print ISBN 978-981-13-1512-1 Online ISBN 978-981-13-1513-8	First Online 13 September 2018	SCOPUS
2.	Dr. Swati Madhe	Design Frequency Spectrum –Based Versatile two dimensional arbitrary shape filter Bank: application to contact lens detection	Pattern Analysis and Applications	volume 23, pages 45–58(2020) DOI https://doi.org/10.1007/s10044-018-0764-6	Accepted 01 Nov 2018 Published 16 Nov 2018	SCI
3.	Dr. A. K. Joshi	Sorting of Portable Small Metallic Components using Machine Learning Techniques	International Journal of Applied Engineering Research	ISSN 0973-4562 Vol. 13, No. 23 PP. 16282-16287	2018	SCOPUS

4.	Dr. A. K. Joshi	A novel method of flaw detection in a Structure Triggered by Pendulum Impact using Acoustic Resonance Frequency Measurement.	International Journal of Scientific Research and Reviews	ISSN: 2279-0543 7 (4), pp 1547-1561	Oct-Dec 2018	SCOPUS UGC Approved
5. 6.	Dr. Revati Shriram Dr. Nivedita Daimiwal	Regression Analysis of Coherence between Concurrent EEG-EEG & EEG-CPPG Signals from Prefrontal Cortex During Music Evoked Emotions	Journal of Information Science and Engineering (JISE)	Vol-35, No-3, 2019, June 2019, ISSN: 1016 – 2364	April 2019	SCI, SCOPUS, UGC, EBSCO
7. 8.	Dr. Nivedita Daimiwal Dr. Revati Shriram	Power Spectral Density Analysis of Time Series of Functional Magnetic Resonance Image for Different Motor Activity	Biomedical and Pharmacology Journal	Volume-12, No-2, ISSN: 0974-6242.	June 2019	SCOPUS, UGC, EBSCO
9.	Prof. Yashwant adhav, Nikita bolbhat	Automatic Pipe Cutting Machine	International Journal of Scientific Research and Review	Volume 8, Issue 6,.	June 2019	UGC approved Impact factor-6.1

Conferences:

SN	Name of Staff	Title of Paper	Name of Journal/ Conference	Volume& page no. DOI ISBN/ISSN No.	Month & Year	Indexing (SCI, SCOPUS, Google Scholar, EBSCO)
1.	Dr. Swati Madhe	Design of Time-Frequency Localized Filter Bank.	18 th International Conference on Intelligent Systems Design and Applications (ISDA-2018) & 10 th World Congress on Nature and Biologically Inspired Computing (NaBIC)	<ul style="list-style-type: none"> •DOI https://doi.org/10.1007/978-3-030-16657-1_23 • Publisher Name Springer, Cham Print ISBN 978-3-030-16656-4 Online ISBN 978-3-030-16657-1 --- 	6 th -8 th Dec 2018	IEEE Xplore, SCOPUS Google scholar
2.	Dr. Swati Madhe Madhura Deshmane	ECG Based Biometric Human Identification using Convolutional Neural Network in Smart Health Application.	Fourth International Conference on Computing Communication Control and Automation (ICCUBEA)	10.1109/ICCUBEA.2018.8697579	16-18 Aug. 2018	IEEE Xplore, SCOPUS Google scholar
3.	Aknksha Pole Dr. Revati Shriram	3-D Medical Image Compression By Using HEVC	4 th International Conference on Computing, Communication, Control and Automation (ICCUBEA-2018)	DOI: 10.1109/ICCUBEA.2018.8697797 Publisher: IEEE	16th - 18th Aug 2018	SCOPUS

4.	Apurwa Jagtap Dr. Revati Shriram	Performance Parameter Based Comparison of Slantlet Transform and Discrete Cosine Transform for Steganography in Biomedical Signals	Innovations in Electronics and Communication Engineering	DOI https://doi.org/10.1007/978-981-10-8204-7_8 Publisher Name Springer, Singapore Print ISBN 978-981-10-8203-0 Online ISBN 978-981-10-8204-7		SCOPUS
5. 6.	Dr. Nivedita Daimiwal Dr. Revati Shriram	Welch Power Spectral Density of Cranial PPG Signal using AVR ATMEGA8535 Microcontroller	Smart Intelligent Computing and Applications	DOI https://doi.org/10.1007/978-981-13-1921-1_62 Publisher Name Springer, Singapore Print ISBN 978-981-13-1920-4 Online ISBN 978-981-13-1921-1 pp 637-647	Feb 2019	SCOPUS
7. 8.	Dr. Revati Shriram Dr. Nivedita Daimiwal	Energy Distribution and Coherence-Based Changes in Normal and Epileptic Electroencephalogram	Smart Intelligent Computing and Applications	DOI https://doi.org/10.1007/978-981-13-1921-1_61 Publisher Name Springer, Singapore Print ISBN 978-981-13-1920-4 Online ISBN 978-981-13-1921-1 PP 625-635	Feb 2019	SCOPUS